

ABSTRACT

The present invention relates to an image signal conversion apparatus or the like preferably applied, for example, when a SD signal (525i) is converted into a HD signal (525p or the like). In the image signal conversion section (110), the SD signal is converted into the HD signal, and the image is displayed on the display section (111). A class code CL indicating a class of a subject pixel of the HD signal is obtained by detecting a space class and a motion class from tap pixel data corresponding to the subject pixel of HD signal which is selectively fetched from a SD signal. The controller (101) loads coefficient data of each class according to the selected resolution into the coefficient memory (134) from the information memory bank (135) when the user selects the resolution. In the calculation circuit (127), pixel data of the subject pixel of the HD signal is calculated using an estimating equation based on the tap data x_i corresponding to the subject pixel of the HD signal selectively fetched from the SD signal in the tap selection circuit (121) and the coefficient data w_i read in class code CL from the coefficient memory (134).

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